



493303



## SECTION 08 SEEDING LAWNS

### PART 1 GENERAL

#### 1.1 GENERAL

- A. No water sources are located in project site. General Subcontractor will be required to provide water during establishment of vegetation if conditions warrant.
- B. Items specified within this section to be completed by the General Subcontractor.
- C. This item is an optional item used upon Contractor approval.

#### 1.2 DEFINITIONS

- A. Maintenance Period: Begin maintenance immediately after each area is seeded and continues for the specified period during which the seeded area will be watered and mowed by the General Subcontractor.
- B. Satisfactory Stand: Lawn that has been growing in place in a live, healthy condition and no bare spots larger than 3 square feet. Grass must be uniform in color, texture, and free of weeds (less than 1 weed plant per 100 non-weed plants).

#### 1.3 SUBMITTALS

- A. Informational Submittals:
  - 1. Certification of seed; include source and seed mix.
  - 2. Description of required maintenance activities and activity frequency.
  - 3. Watering plan and schedule, identifying labor, equipment, and materials to be used.
  - 4. Standard fertilizer product proposed for use.

#### 1.4 DELIVERY, STORAGE, AND PROTECTION

- A. Seed:
  - 1. Furnish in standard containers with seed name, lot number, net weight, percentages of purity, germination, and hard seed and maximum weed seed content, clearly marked for each container of seed.
  - 2. Keep dry during storage.
- B. Fertilizer:

Provide in the original manufacture's unopened containers with labels bearing the manufacturer's guarantee analysis and name. In lieu of containers, the product may be delivered in bulk. A certificate from the manufacturer to supplier indicating the above information shall accompany each bulk delivery. Fertilizer must be stored in an area protected from rain or moisture.

#### 1.5 WEATHER RESTRICTIONS

- A. Perform Work under favorable weather and soil moisture conditions as determined by accepted local practice.
- B. Seed shall not be placed when the ground is frozen.

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**1.6 SEQUENCING AND SCHEDULING**

- A. Complete work under this section within 4 days following completion of backfilling.
- B. Notify Contractor at least 3 days in advance of start of planting activity.
- C. Planting Season: Per manufacturer's recommendation.

**1.7 MAINTENANCE SERVICE**

- A. Perform maintenance operations during the maintenance period lasting 6 weeks to include:
  - 1. Watering: Keep surface moist.
  - 2. Completing the first two mowings.
  - 3. Controlling growth of weeds.
  - 4. Washouts: Repair by filling with topsoil, fertilizing, seeding, and mulching.
  - 5. Mulch: Replace wherever and whenever washed or blown away.
  - 6. Reseed unsatisfactory areas or portions thereof at the end of the maintenance period or next planting season (if end of maintenance period is out of planting season) if a satisfactory stand has not been produced.
  - 7. Fertilize:
    - a. Apply to seeded areas during the maintenance period when required or as directed by the Contractor.
    - b. Apply evenly over area in accordance with the manufacturer's instructions.
- B. Replant entire area if satisfactory stand does not develop within 45 days of planting.
- C. Inspect, repair, and replace as necessary all erosion control measures during the time of period from start of construction to completion of construction.

**PART 2 PRODUCTS****2.1 FERTILIZER**

Commercial, uniform in composition, free-flowing, suitable for application with equipment designed for that purpose.

**2.2 SEED**

Use Green Alliance or equal, fresh, clean new-crop seed that complies with the tolerance for purity and germination established by Official Seed Analysts of North America.

**2.3 EROSION CONTROL BLANKET**

- A. Apply in areas that are covered with seed, which includes bare backfilled areas.
- B. Use Guardian™ Seed-Starter Mat or equal approved by Contractor.

**PART 3 EXECUTION****3.1 PREPARATION**

- A. Grade areas to smooth, even surface with loose, uniformly fine texture.

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1. Roll and rake, remove ridges, fill depressions to meet finish grades.
  2. Limit such Work to areas to be planted within immediate future.
  3. Remove debris, and stones larger than 1½-inch diameter, and other objects that may interfere with planting and maintenance operations.
- B. Moisten prepared areas before planting if soil is dry. Water thoroughly and allow surface to dry off before seeding. Do not create muddy soil.
- C. Restore prepared areas to specified condition if eroded or otherwise disturbed after preparation and before planting.
- D. Seed Watering: Per manufacturer's recommendations.
- E. Supplemental Watering: During periods of inadequate rainfall, supplemental watering may be required after the initial and additional watering and prior to acceptance of the Work. Supplemental watering shall be performed when directed by Contractor. Water shall be applied at the rate specified by Contractor within 24 hours of notice.

### **3.2 SEEDING**

- A. Start within 2 days of preparation completion.
- B. Grass seed will be applied in a manner to achieve satisfactory stand.

### **3.3 EROSION CONTROL BLANKET**

- A. Apply to prepared seeded soil.
- B. Install in accordance with manufacturer recommendations.
- C. Immediately after installation, gently water area thoroughly, wetting both the mat and underlying soil.

### **3.4 FIELD QUALITY CONTROL**

Six weeks after seeding is complete and on written notice from General Subcontractor, Contractor will, within 15 days of receipt, determine if a satisfactory stand of grass has been established. At the direction of Contractor, any defective or unacceptable seed shall be removed, replaced, and watered by the General Subcontractor at General Subcontractor's expense. Operation and maintenance period will continue for another 6 weeks from the date any repairs are made.

**END OF SECTION**